



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, September 05,
2015

Issued: 0800 CT

Day 1 Hazards: No significant weather impacts expected

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Kurt Van Speybroeck
817-978-1100 x 147

Key Points



Saturday - Wednesday

- Isolated to scattered storms possible each day, mainly across New Mexico as well as the TX/LA Coasts
 - Severe weather and/or flooding is not expected
- Cold front potentially entering northern portions of FEMA 6 around midweek, bringing more widespread showers/thunderstorms and cooler air

Tropical Outlook

- Tropical Depression Fred continues to weaken in the east/central Atlantic.
- A tropical wave is currently moving westward at 15 to 20 mph in the eastern Atlantic. This system has potential for development as it continues moving moves westward.
 - Formation chance through 48 hours...medium...80 percent
 - Formation chance through 5 days...high...90 percent
- No expected impacts to FEMA 6

*FEMA Region 6 Threat Matrix

Sep 5, 2015 - Sep 9, 2015

DAY/ THREAT	SAT	SUN	MON	TUE	WED
Severe Weather					
Heavy Rain / Flash Flooding					
Heat					
Tropical					
Fire					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.

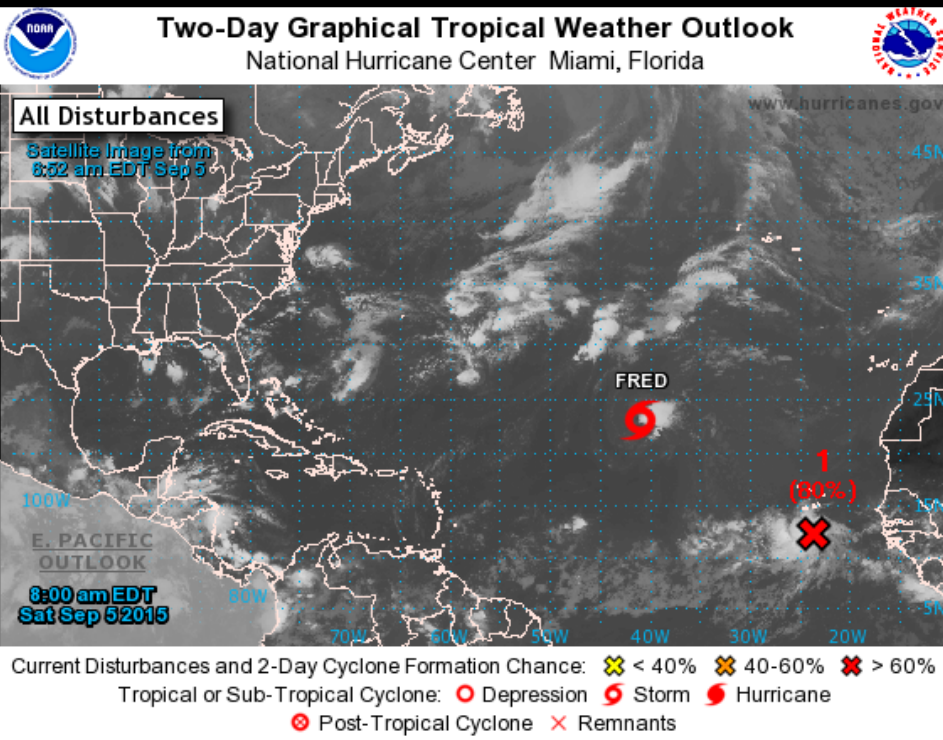


The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



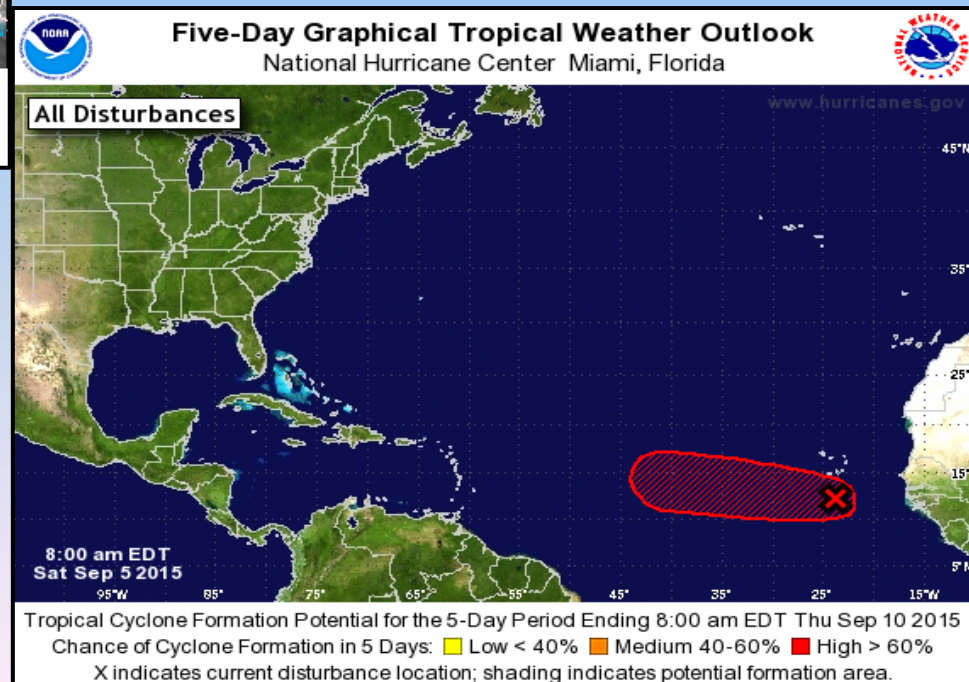
Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Atlantic/Gulf Tropical Weather Outlook



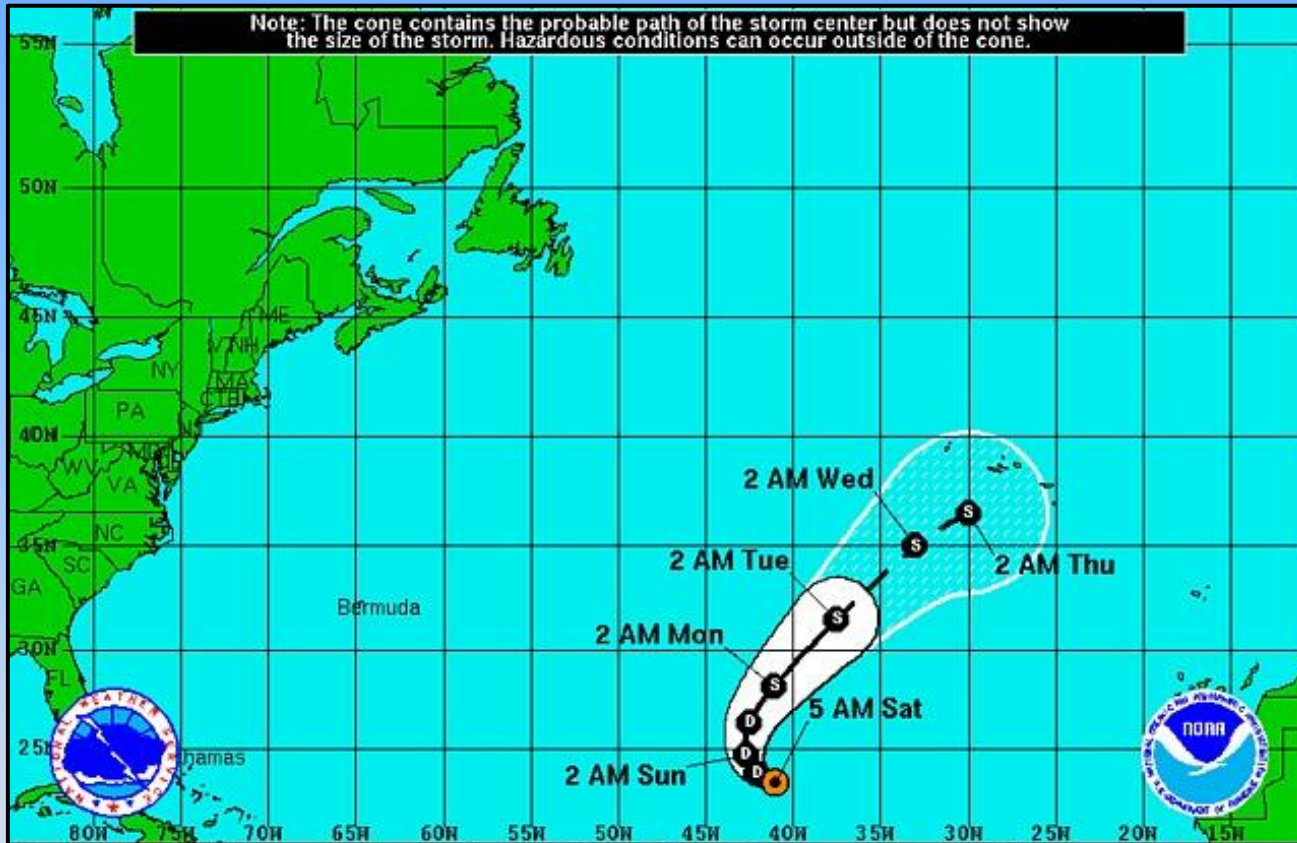
See next slide for information on Fred

- A tropical wave is currently moving off of the west coast of Africa. This system has some potential for development
- Formation chance through 48 hours...high...80 percent
- Formation chance through 5 days...high...90 percent



Tropical Depression Fred

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Tropical Storm Fred

Saturday September 5, 2015

5 AM EDT Advisory 26

NWS National Hurricane Center

Current Information:

Center Location 23.2 N 41.0 W

Max Sustained Wind 40 mph

Movement WNW at 12 mph

Forecast Positions:

● Tropical Cyclone ○ Post-Tropical

Sustained Winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:

Day 1-3 Day 4-5

Watches:

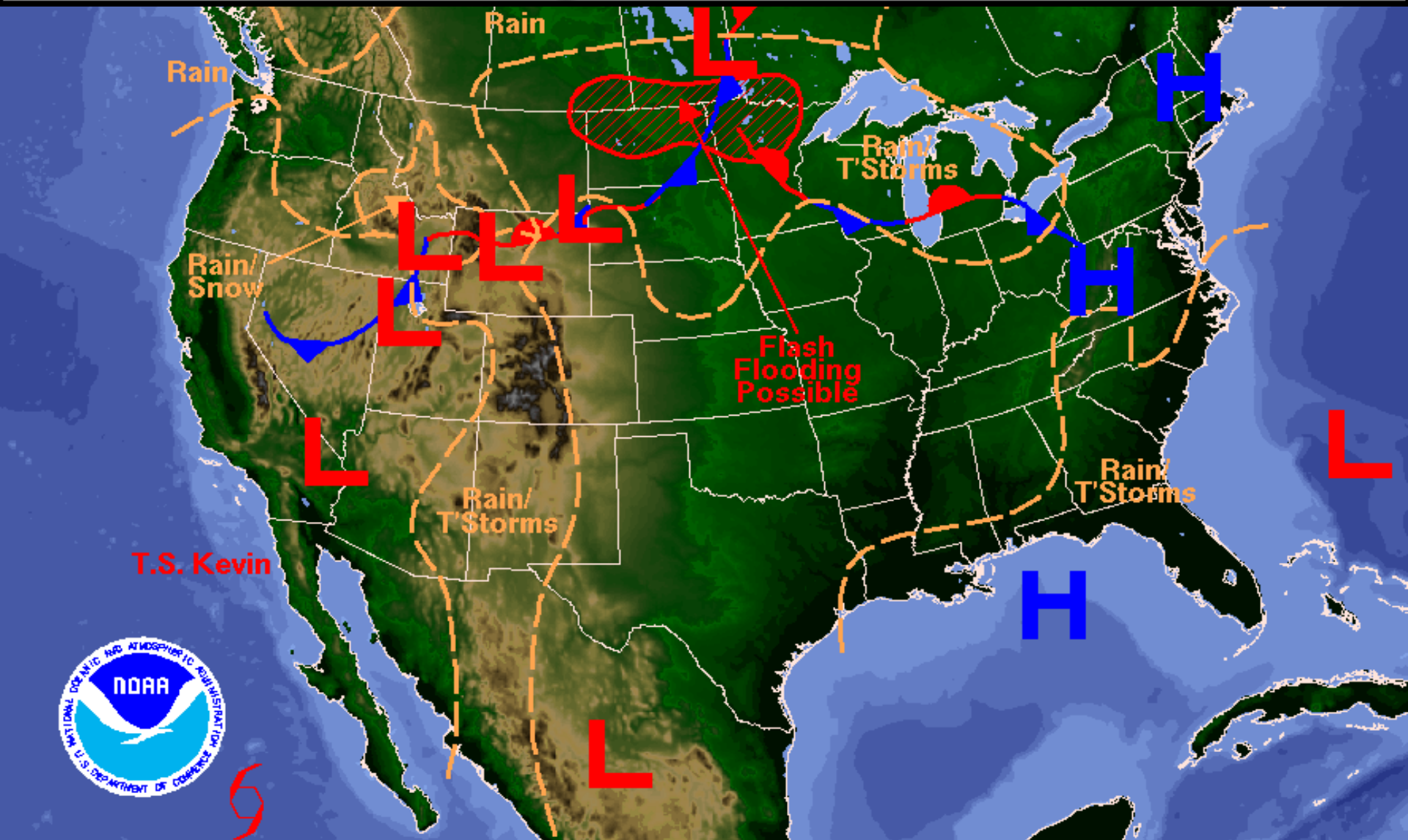
Hurricane Trop.Storm

Warnings:

Hurricane Trop.Storm

- Fred continues to weaken and will remain in the eastern/central Atlantic into next week.
- Not expected to impact FEMA 6

Today's Weather



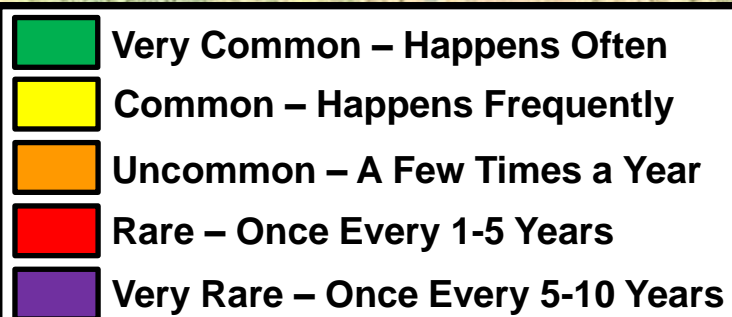
Weather Forecast for Sat, Sep 05, 2015, issued 4:22 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Sat - 0800 Sun



**No Significant Weather
Impacts Expected**



***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

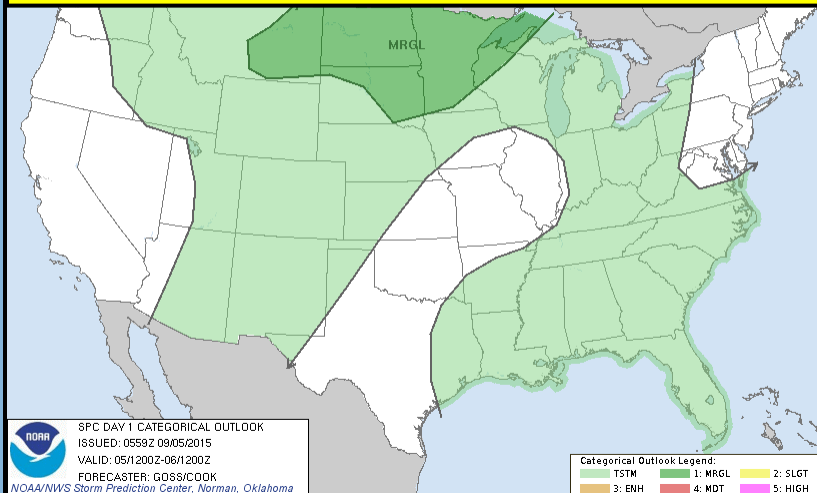


Saturday, September 05, 2015

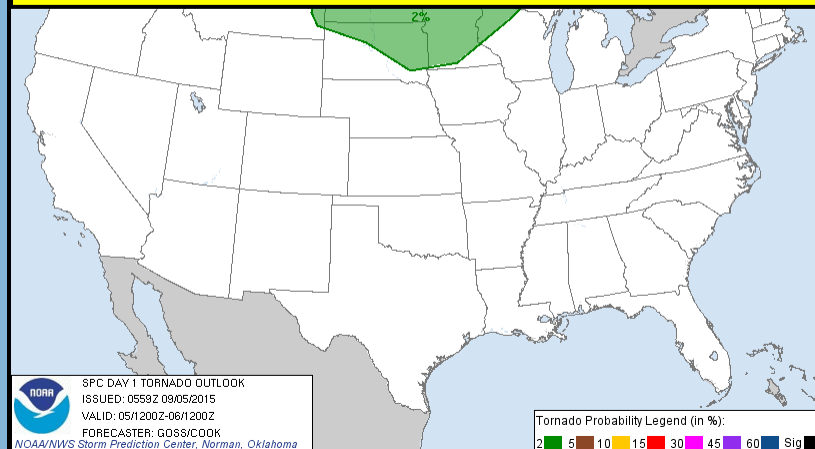
Severe Thunderstorm Potential



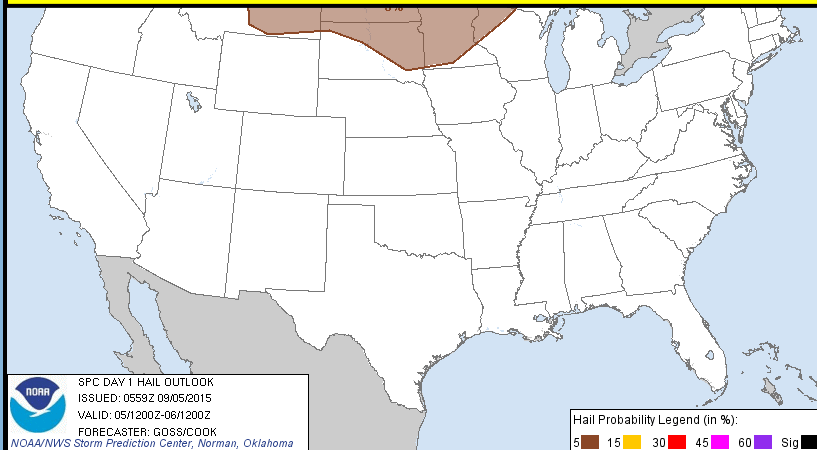
Overall Threat Potential



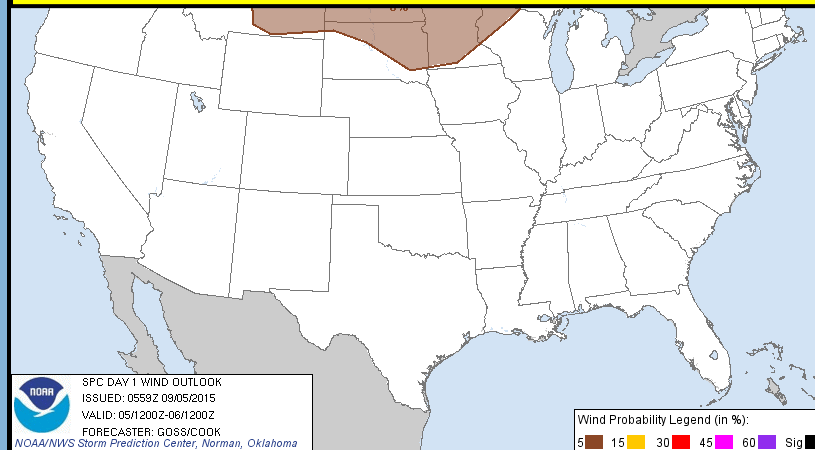
Probability of Tornado within 25 miles of a point



Probability of Damaging Hail within 25 miles of a point



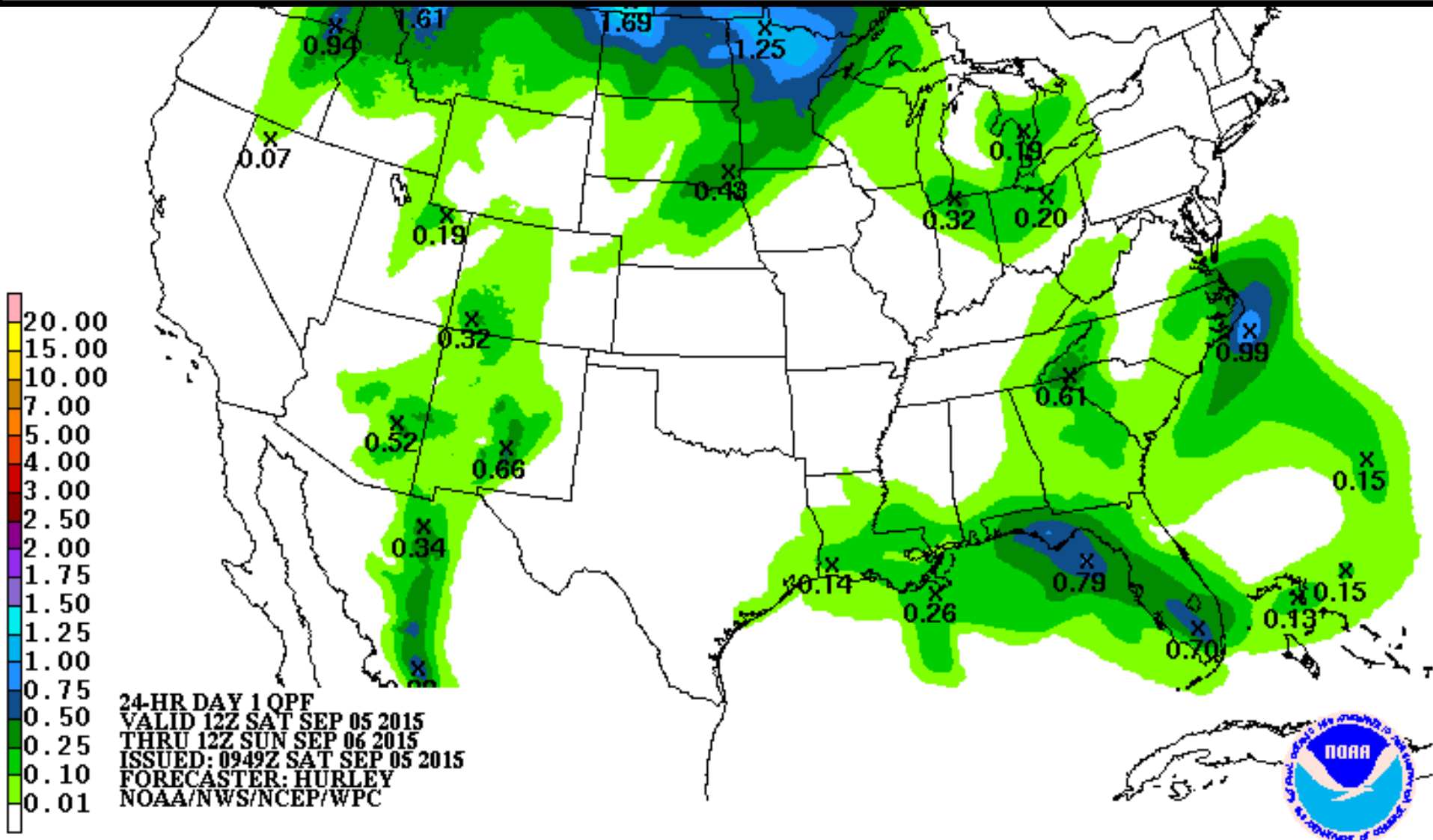
Probability of Damaging Winds within 25 miles of a point



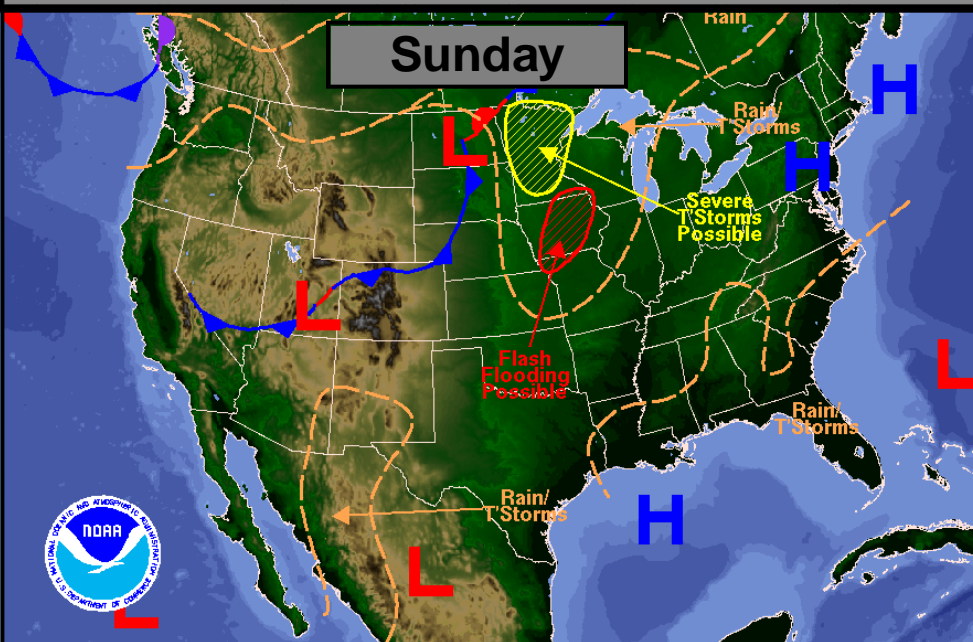
Building a Weather-Ready Nation

Today's Precipitation

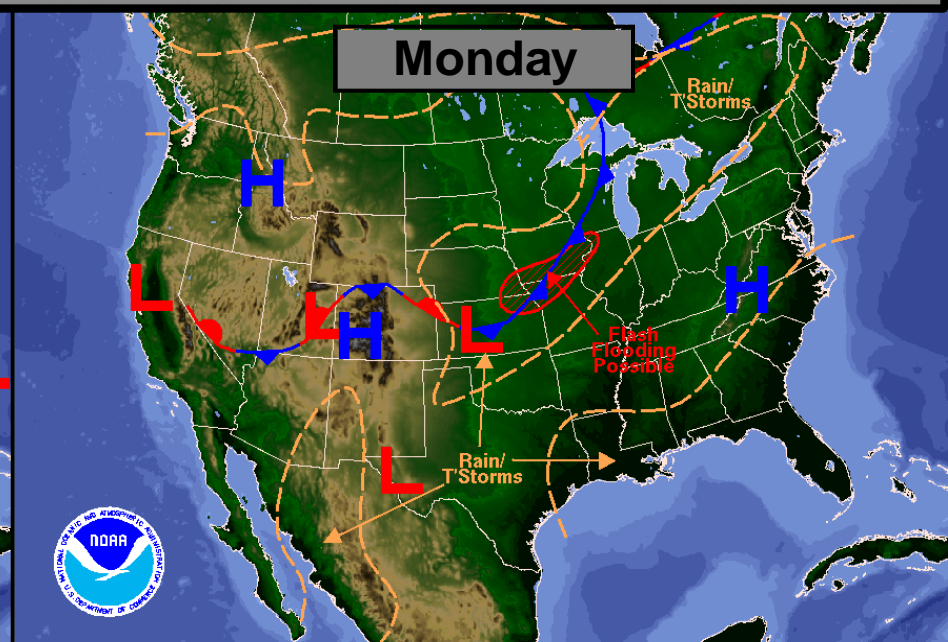
Sat AM - Sun AM



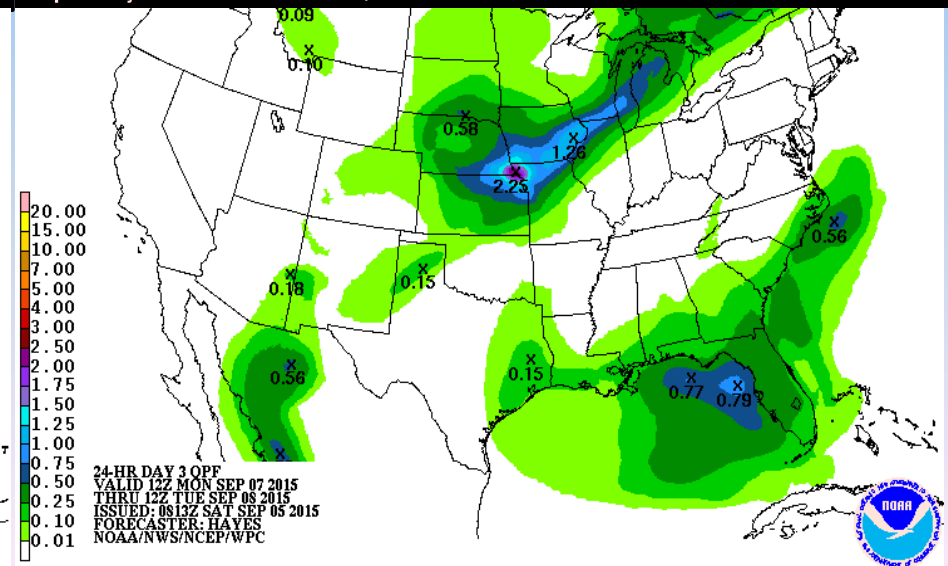
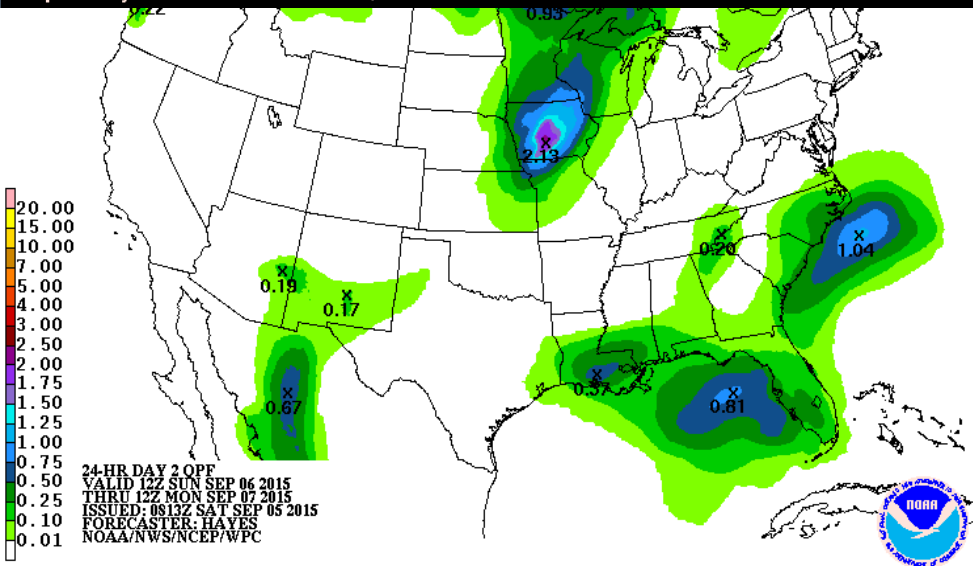
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sun, Sep 06, 2015, issued 4:27 AM EDT Sat, Sep 05, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Krekeler based on WPC, SPC and NHC forecasts



Weather Forecast for Mon, Sep 07, 2015, issued 4:32 AM EDT Sat, Sep 05, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Krekeler based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

Valid: 0800 Sun - 0800 Tue



**No Significant Weather
Impacts Expected**



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Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



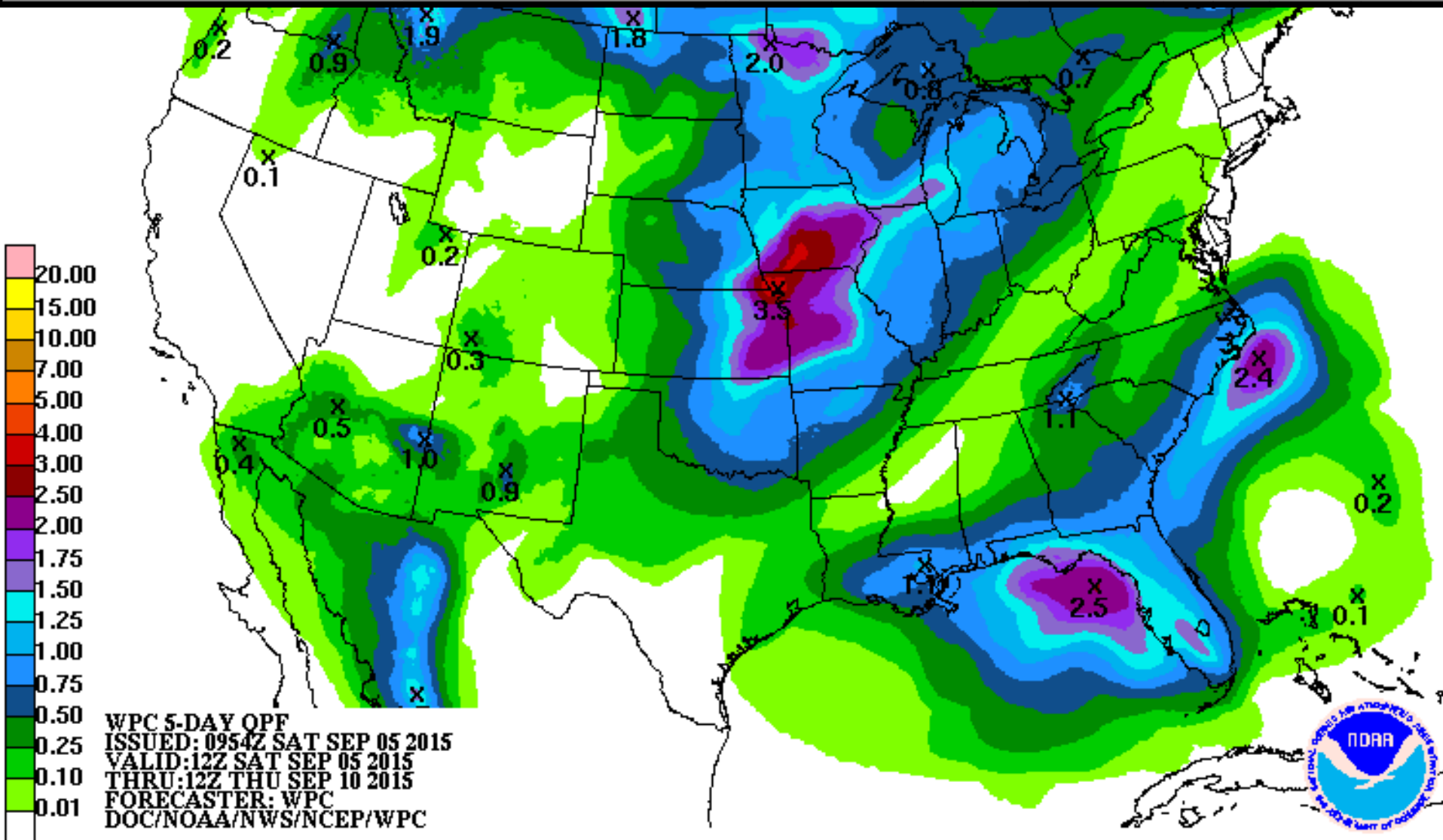
**No Significant Weather
Impacts Expected**

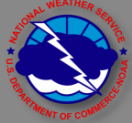


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5-Day Precipitation

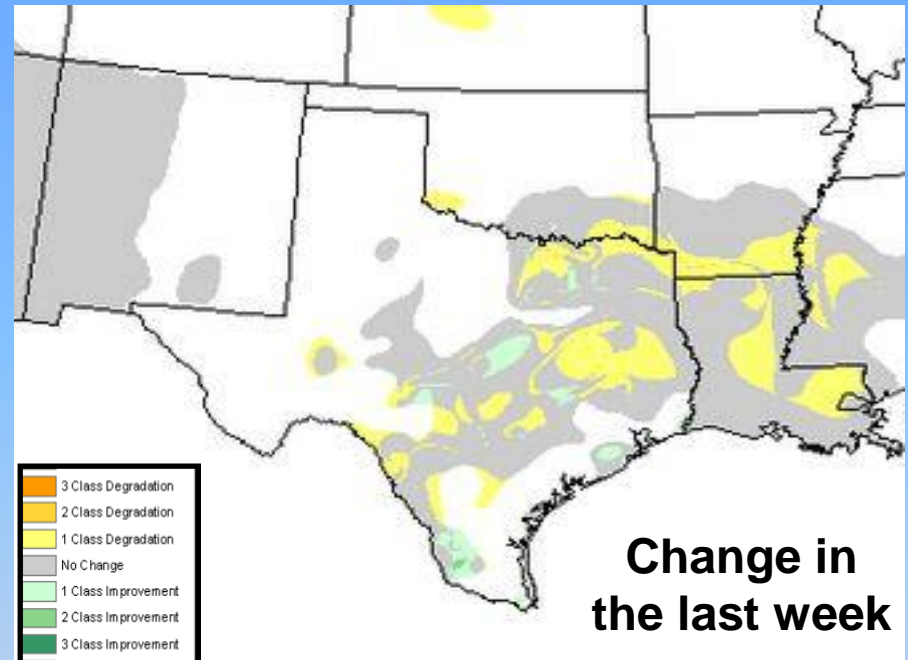
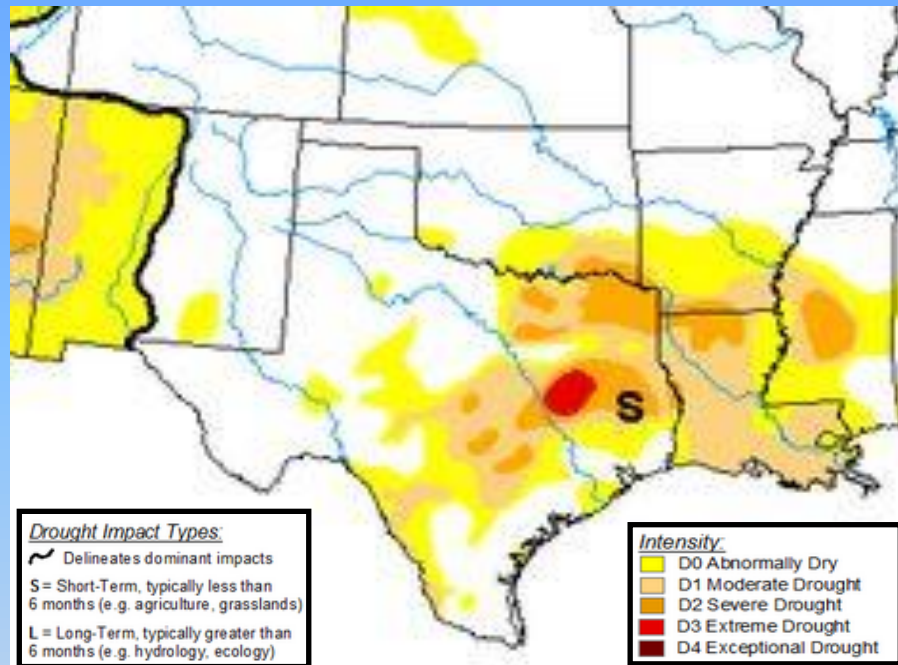
Sat AM - Thu AM





Drought Monitor Released Sept 3rd, 2015

Data valid as of 7am CDT, Tuesday Sept 1st, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	16.51%
Texas	0.00%	0.00%	0.00%	16.18%
New Mexico	0.00%	0.00%	0.00%	7.39%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

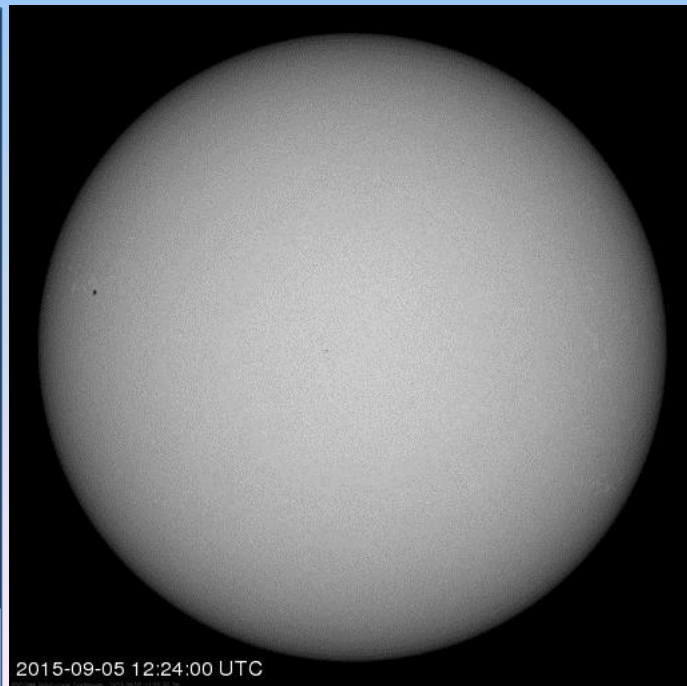
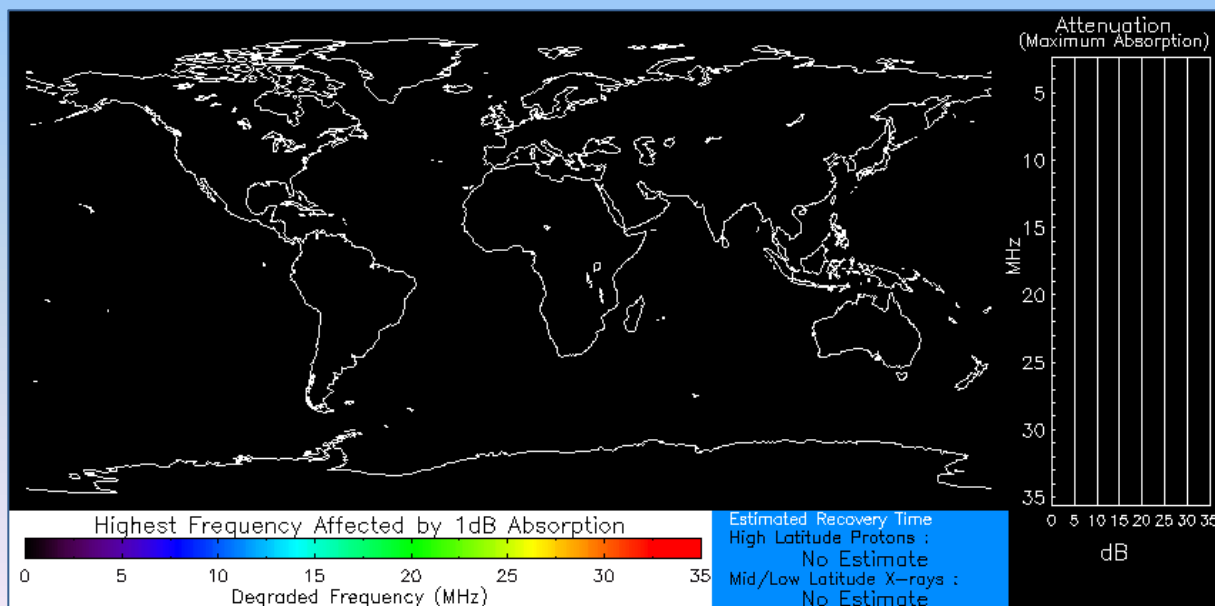
Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2015-09-05 12:24:00 UTC

Information provided by:



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